
About studying Energy and Environmental Management in Flensburg

Germany is a good place to study sustainable energy systems and their management, as the country is pursuing its ambitious energy transition and is home to internationally leading industry and research in this field. The young Europa-Universität Flensburg strives for equity, sustainability und diversity, maintaining high educational standards.

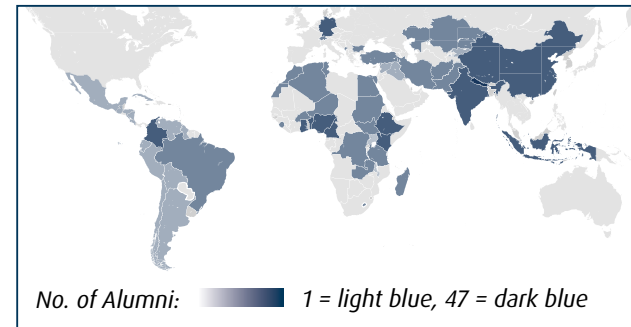
Located in the very north, Flensburg takes advantage of its proximity to Denmark, which has been an early day pioneer in renewable energy development. Maritime Flensburg is small but has a vibrant and diverse culture and offers excellent quality of life at moderate costs of living.

The M.Eng. programme Energy and Environmental Management in Developing Countries and its predecessors ARTES and SESAM have a 30-year history of development-oriented post-graduate energy studies. Innovative, problem-based learning in small teams and strong alumni networks around the World form a solid basis for academic achievement.



Possible fields of occupation

Fighting climate change and energy poverty are the challenges for energy and environmental professionals of the 21st century. Energy management is key to a sustainable development. Thoroughly trained in economics, technology and management, the graduates of the program go on to work in public and private enterprises, governmental and non-governmental institutions. Degree holders from this programme sensibly facilitate access to modern energy services by means of energy planning and project management around the World.



EEM-SESAM Alumni Map, 2019
Total 358 Alumni from 70 Countries since 1988

Admission requirements and application

An above-average 4-year bachelor degree in Engineering, and at least two years of relevant professional experience are required. A proof of English language proficiency (TOEFL iBT Score 80, IELTS Band 6) is obligatory. For details of the application process consult our website: uni-flensburg.de/eem

Please visit our website for information on DAAD and other scholarship programmes. The 2-year programme starts in September with a pre-semester. No tuition fees are paid and all classes are taught exclusively in English.

Feel free to contact the EEM secretariat.

Contact

Contact for programme-specific questions:
sesam@uni-flensburg.de

Master of Engineering Energy and Environmental Management in Developing Countries



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About the programme



Duration 24 months (30+90 CP)
Degree Master of Engineering (M.Eng.)

The objective of the study course is to qualify you for employment as professional in the growing sustainable energy sector. More specifically the course capacitates you:

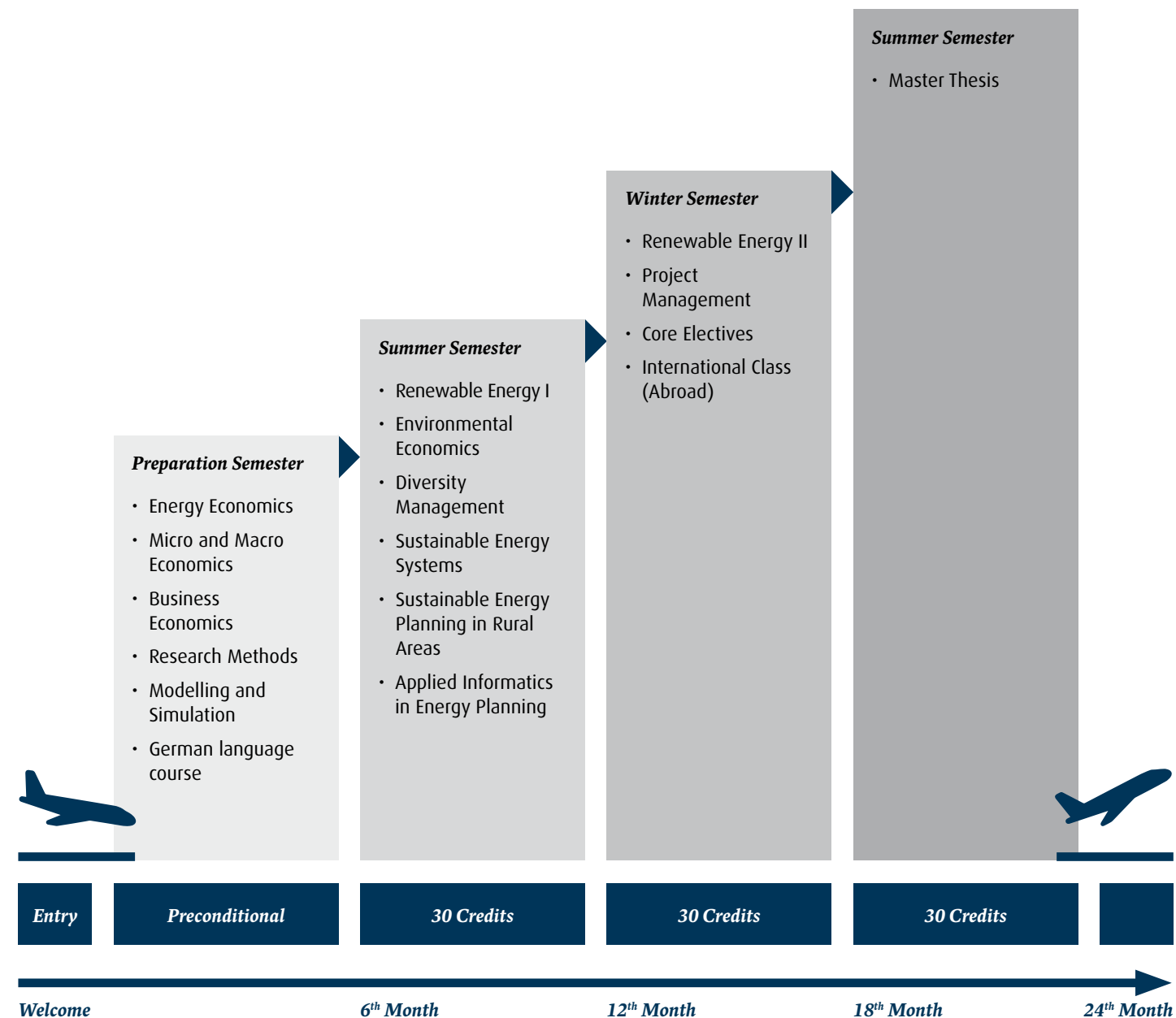
- to recognise and analyse energy and environmental problems
- to facilitate and manage the process of sustainable problem solving.

Apart from the subject-oriented competencies the course focuses on key qualifications such as:

- the ability to recognise problems and solutions in their entirety
- creativity and openness to innovation
- the ability to think and communicate in interdisciplinary and intercultural ways
- the ability to work in teams, to lead and to motivate teams.

The programme empowers you to work in key positions of the energy industry, in governments, NGOs and international organisations.

Programme structure



Syllabus and content of the course



Three subject areas are addressed: Business and Energy Economics; Project Management; and Renewable Energy. Sustainable energy systems and environmental economics are introduced in compulsory modules, delivering elementary knowledge and understanding of the macro-economic nexus of energy and the environment. Planning and management of development projects are obligatory, while optional modules include international organisations, development strategies and quality management.

Engineering sustainable energy systems is addressed in compulsory modules on energy planning, and further elective engineering modules cover renewable energy technologies, energy efficiency and electrical grids subject to interests and relevance. „International Class“ is a 5-week project oriented field research abroad, where students work in a team on a real-world problem of sustainable energy supply, applying acquired knowledge and deepening their competencies. Finally, three months of individual field research provides basis for the Master Thesis. Please refer to the website for operative and updated information.